

BOZINSKIY, A.P.; BRITAYEV, M.D.; KOMISSAROV, A.K.; KATKOVSKIY, G.S.; SEDOVA,
V.I.; SHCHERBAKOV, A.V.; KREITER, V.M., glavnnyy red.; SHATALOV,
Ye.T., zamestitel' glavnogo red.; YEROVNYEV, B.N., red.; ZENKOV,
D.A., red.; KRASNIKOV, V.I., red.; NIFONTOV, P.V., red.; SMIRNOV,
V.I., red.; KHRUSHCHOV, N.A., red.; YAKZHIN, A.A., red.; OVCHINNIKOVA,
S.V., red. izd-va; AVERKIYEVA, T.A., tekhn. red.

[Prospecting for gold ore deposits] Razvedka zolotorudnykh mestorosh-
denii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane
nедр, 1957. 103 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii
institut mineral'nogo syria. Metodicheskie ukazaniia po proizvodstvu
geologo-rasvedochnykh rabot, no.1).

(Gold ores) (Prospecting)

(MIRA 11:1)

KALLISTOV, P.L.; ZENKOV, D.A.; PROKOF'YEV, A.P. Prinimali uchastiye:
BOGDANOV, F.M.; BORZUNOV, V.M.; BURYBLIN, A.V.; DROZDOV, M.D.;
YEROFEYEV, B.N.; ~~KOMISSAROV, A.K.~~; KOGAN, I.D.; LYUBIMOV, I.A.;
MIRLIN, R.Ye.; ROKHLIN, M.I.; SERGEYEV, P.V.; SEMENOV, A.D.;
FROLOV, V.V.; NEMANOVA, G.F., red. izd-va; GORDIYENKO, Ye.B.,
tekhn. red.

[Instructions for applying the classification of reserves to
primary gold deposits] Instruktsiia po primeneniiu klassifi-
katsii zapasov k korennym mestorozhdeniiam zolota. Moskva,
Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1955.
46 p. (MIRA 15:2)

1. Russia (1923- U.S.S.R.) Gosudarstvennaya komissiya po zapa-
sam poleznykh iskopayemykh.

(Gold ores—Classification)

KOMISSAROV, A. M., Cand Tech Sci -- (diss) "Study and *justification* ~~of the form and parameters of the working surface of the plow body for plowing~~ ^{(the deep) of best type} ~~heavy-poorly~~ soils." Minsk, 1958.
14 pp (Acad Sci BSSR, Department of Phys-Math and Tech Sci),
150 copies (KL, 35-58, 108)

WILLIAM A. ASHLEY, WILLIAM H. MCGREGOR, P. F.

for continuous production. The 20,000,000 lb. capacity plant will be completed in 1960.

1.1.1. *negative sentiment*

3. Author Certificate: We declare that the information contained in this report is true and correct to the best of our knowledge and belief.

L 43756..66 EWT(m)/EWP(+) /T WW/JW/JWD/RM

ACC NR: AP6029969

(A)

SOURCE CODE: UR/0413/66/000/015/0161/0161

INVENTOR Fomenko, L. A.; Bashirov, R. Z.; Komissarov, A. M.; Vasilenko, P. F.; Drozdov, S. F.; Serdyuk, T. I.; Artamonov, B. F.; Pozdnyakov, Z. G.38
B

ORG: none

TITLE: Unit for the continuous production of granulated ammonium nitrate based commercial explosives. Class 78, No. 184675

SOURCE: Izobret prom obraz tov zn, no: 15, 1966, 161

TOPIC TAGS: commercial explosive, ammonium nitrate, EXPLOSIVE, CONTINUOUS PRODUCTION UNIT, CHEMICAL PLANT EQUIPMENT

ABSTRACT: A commercial unit for the continuous production of granulated ammonium nitrate based commercial explosives consists of crushing and screening sections, a suspended screw conveyor dosage system with synchronized operations, a mixing drum, a semiautomatic device for weighing and packing the product, and a remote control system. In order to use this unit for the production of multicomponent explosives, e.g., a three-component explosive, and to improve the quality of mixing, a pipe-line from a wheel-pump is connected to the screw conveyer for feeding the liquid component into the conveyer; the feed bin of the suspended conveyor dosage system is connected to a pneumatic conveyer which supplies the powdered component, and the mixing drum is connected to a tubular pneumovibrator. To provide the crushing of the laminated trotyl during the transportation in the pneumatic line described above, the

Card 1/2

UDC: 662.22

Card 2/2 blg

KOMISSAROV A.N.

ca

Compensatory factors of oxidative processes in the organism in anemia. A. N. Komissarjuk. *Klin. Med. (U.S.S.R.)* 23, No. 6, 50-53(1945).—Oxidative processes in anemic hypoxemia are compensated mainly by increased coeff. of O utilization in the tissues and by increased rate of circulation. In all cases of anemia the satn. of arterial blood by O₂ decreased. The coeff. of O utilization by the tissues is raised independently of the rate of circulation. The blood vessel spasm is a compensatory mechanism. The increased anaerobic oxidation occurs at the expense of glutathione and supplements the deficiency of oxidative processes. Anemic hypoxemia mainly has a direct action on the heart muscle, which is forced to work harder under unfavorable conditions. G. M. Kondratenko

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ASB-1A METALLURGICAL LITERATURE CLASSIFICATION

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APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3"

KOMISSAROV, A.N., kand.med.nauk; KOMISSAROVA, N.Ye.; KOSTITSYN, L.T., kand.
med.nauk

Sequence of reactive changes in the blood exposed to ionizing radiation.
Terap.arkh. 31 no.8:3-12 Ag '59. (MIRA 12:11)

1. Iz Glavnogo voyennogo gospitalya imeni N.N. Burdenko (nauchnyy
rukovoditel' raboty - chlen-korrespondent AMN SSSR prof. N.A.
Kurshakov).

(BLOOD radiation effects)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3

KOMISSAROV, A.N.; KOMISSAROVA, N.Ye.

On the medical properties of dipin in neoplasms of the hematopoietic system. Vop.onk. 6 no.1 79-86 '60. (MIRA 13:10)
(HEMATOPOIETIC SYSTEM--TUMORS) (CYTOTOXIC DRUGS)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3

KOMISSAROV, A.N.; POLENKO, V.K.

Carbohydrate metabolism in anemia. Klin.med. 38 no.7:60-65
'60. (CARBOHYDRATE METABOLISM) (ANEMIA) (MIRA 13:12)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3"

KOMISSAROV, A.V.

ONUFRIYEV, I.A., inzhener, otvetstvennyy redaktor; BAUMAN, V.A., kandidat tekhnicheskikh nauk, redaktor; DOMBROVSKIY, N.G., doktor tekhnicheskikh nauk, professor, redaktor; IVANOV, V.A., inzhener, redaktor; KOMISSAROV, A.V., inzhener, redaktor; KONOROV, A.V., professor, redaktor; TROITSKIY, Kh.L., kandidat tekhnicheskikh nauk, redaktor; SIZZNIKOV, G.I., inzhener, redaktor; PUL'KINA, Ye.A., tekhnicheskiy redaktor; DAKHNOV, V.S., tekhnicheskiy redaktor

[Handbook of construction mechanics] Spravochnik mekhanika na stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1951. 1064 p. [Microfilm] (MIRA 10:2)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva.
(Building machinery)

KOMISAROV, B. I.

GRIGOR'YEV, Yu. Ye., Eng.; KOMISAROV, B. I., Eng.

Lightning Arresters

Installing a lightning protective cable on an operating, 35 KV two circuits transmission line. Rab. energ. 2 Nc. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952, Unclassified.

1. KOMISSAROV, B. I., Eng.
2. USSR (600)
4. Electric Lines - Overhead
7. Economizing lumber in 3-10 Kv. networks.
Elek.sta. 23 №. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

KOMISSAROV, B.I.

ASTAKHOV, N.P., inshener; KOMISSAROV, B.I., inshener.

Replacing intermediate, Π -shaped supports of an operating 10kW electric transmission line. Energetik 1 no.7:8-10 D '53. (MLRA 6:12)
(Electric lines--Poles)

KOMISSAROV, B.I.

ASTAKHOV, N.P., inshener; KOMISSAROV, B.I., inshener.

Replacement of crossarms of intermediate N shaped supports carrying a voltage by the method of successive turning. Energetik 2 no.5:6-8 Ky '54.
(MLRA 7:6)

(Electric lines--Overhead)

KOMISSAROV, B. I.

Subject : USSR/Electricity AID P - 1629
Card 1/1 Pub. 29 - 11/23
Authors : Astakhov, N. P., Eng. and Komissarov, B. I., Eng.
Title : Suspension of wires and cables of the second circuit of a 154 kv electric power line without cutting-off the first circuit
Periodical : Energetik, 1, 18-20, Ja 1955
Abstract : The authors describe the technique of mounting cables and wires of an additional circuit along the existing power line without cutting off the circuit in those lines. Two pictures and 1 diagram illustrate the article.
Institution: ORGRES(Office for Organization and Improvement of Regional Electric Power Plants and Networks)
Submitted : No date

KOMISSAROV, B.I.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3

Subject : USSR/Electricity
Card 1/1 Pub. 26 - 13/32
Authors : Astakhov, N. P. and Komissarov, B. I., Engs.
Title : Mechanized repair work on transmission lines
Periodical : Elek sta, 6, 38-40, Je 1955
Abstract : The authors report on a special machine designed in 1954 which performs various heavy-duty repair jobs on 35 and 110 kv transmission lines strung on wood poles. The unit consists of a movable jib, a 25 kva a-c generator, cranes, and a BT-8 electric vibrator. A diagram and 3 photos.
Institution : None
Submitted : No date

KOMISSAROV, B.I.

91-58-7-12/27

AUTHORS: Komissarov, B.I., Engineer and Yarovoy, Ye.T., Engineer

TITLE: Exchange of Experience (Obmen opytom). Inspections and Repair Works on the 400 kw Power Transmission, Kuybyshev-Moscow Line (Revizii i remontnyye raboty na linii elektroperedachi 400 kv Kuybyshev-Moskva).

PERIODICAL: Energetik, 1958, Nr 7, pp 25-28 (USSR).

ABSTRACT: The structure of the 400 kv Kuybyshev-Moscow line is essentially different from that of lines with lower voltage, e.g. the anchor span is 2.5 to 3 times larger, the stress on intermediate supports attains 2.5 tons per phase under normal operating conditions and the stress on anchor towers attains 13 to 14 tons per phase. Furthermore, phase splitting into 3 conductors, wide braces and a general release system are utilized. The article describes in detail the methods of inspection and repair applied to stretching and supporting strings, as well as to split phase conductors. The repair-man travels along the conductors by means of a special cable car weighing 15 kg. The passage over the general release system takes about 3 to 4 minutes. The mounting of repair-sleeves is carried out by means of a

Card 1/2

91-58-7-12/27

Exchange of Experience. Inspections and Repair Works on the 400 kw Power Transmission, Kuybyshev-Moscow Line.

small-sized press, e.g. a press of the "KR-2 Mosenergo" type, which can be fixed to all three conductors of the split phase. There are 11 photos and 1 Soviet reference.

1. Transmission lines--Inspection 2. Transmission lines
--Maintenance

Card 2/2

KOMISSAROV, B.I., inzh.; SKOHELEV, S.A., inzh.; YAROVY, Ye.T., inzh.

Performance of remote spacers in an electric network equipped with
conductors. Elek. sta. 29 no.7:70-73 Jl '58. (MIRA 11:10)
(Electric networks--Equipment and supplies)

8(3)

SOV/91-59-3-7/22

AUTHORS: Boyev, N.M., Technician, and Komissarov, B.I.,
Engineer

TITLE: A Meter for Measuring the Tension in Cable Guys of
Electric Transmission Line Masts (Izmeritel' tya-
zheniya v trosovyykh ottyazhkakh opor liniy elektro-
peredachi)

PERIODICAL: Energetik, 1959, 7 Nr 3, pp 16-17 (USSR)

ABSTRACT: An "ITO" gauge for measuring cable tension in electric
transmission lines has been developed by the ORGRES.
It consists of an arch-shaped tubular frame with a
roller at each end, spaced 600 mm apart, and a meter
between them with the sensitive roller. In order to
obtain the measurements, a suspended cable is passed
through the three rollers and the tension value is
read directly from the scale calibrated in tons. An
analogous gauge was recently developed by Candidate of
Technical Sciences Ya. Kaplanskiy and Engineer M.
Ivlev, for use in reinforced concrete constructions

Card 1/2

SOV/91-59-3-7/22

A Meter for Measuring the Tension in Cable Guys of Electric
Transmission Line Masts

with pre-stressed armature, as described in the
periodical "Stroitel'" (Builder), 1958, Nr 6. There
are 2 photographs and 1 diagram.

Card 2/2

KOMISSAROV, B.I., inzh.; SAYKO, A.V., inzh.; SKOBLEV, S.A., inzh.

Special features of intermediate portal-type supporting structures
equipped with hinged racks and guys for 500 kv. electric power lines.
Elek. sta. 30 no.3:58-61 Mr '59. (MIRA 12:5)
(Electric power distribution--High tension)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3

GLEBOV, E.S., inzh.; KOMISSAROV, B.I., inzh.

Using anchor rope cables in 500 kv. metal intermediate
corner uprights. Blak.sta. 31 no.1:56-59 Ja '60.
(MIRA 13:5)

(Electric lines--Poles)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3"

KOMISSAROV, B.I., chlen Kommunisticheskoy partii Sovetskogo Soyuza
s 1918 g., uchastnik Velikoy Oktyabr'skoy sotsialisticheskoy
revolyutsii

Word for youth. Prof.-tekhn. obr. 20 no.7:6-7 Jl '63.
(MIRA 16:10)

NOVIKOV, V.; MATVEYEV, Yu.M.; RUZHINSKIY, M.B.; BATIST, A.I.; IOSSEL', G.; KOROLEV, M.; IVANTSOV, V.; AROHNOV, I.; SVETLAKOV, V.; ZAYONCHIK, L.Z.; RASPOPOV, I.V.; SERDYUKOV, G.V.; GRISHKOV, A.I.; MAKEYEV, I.F.; DELLO, A.A.; SHUMNAYA, V.A., inzh.; SPIRYAGIN, L.P., inzh.; GRISHKOV, A.I.; KARDONOV, B.A.; BURDIN, V.M., kand. tekhn. nauk; MOLGACHEV, D.A., inzh.; MUZALEVSKIY, O.G.; RIVKIN, A.A.; KEYS, N.V.; KOMISSAROV, A.I.

New developments in research. Stal' 25 no.8:842-845 S '65.
(MIRA 18:9)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-

SOV/137-58-11-22968

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 162 (USSR)

AUTHOR: Komissarov, B.K. *Card Tech Sci*

TITLE: Procedure for Quenching St5-grade Steel With Heating by High-frequency Currents (Rezhim zakalki stali marki St. 5 s nagrevom tokami vysokoy chastoty)

PERIODICAL: Tr. Rostovsk. in-ta inzh. zh.-d. transp., 1958, Nr 23, pp 247-256

ABSTRACT: To establish the optimum parameters of temperature and rate of heating in hardening with high-frequency current, treatment of a series of specimens was accomplished and the process was recorded on an oscillogram. For St5-grade steel at a specific power of 0.5 kw/cm², the tempering temperature should be 950-975°C and the heating rate in the transformation zone should be 40°C/sec. M. Ch.

S/123/61/000/012/017/042
A004/A101

AUTHOR: Komissarov, B. K.

TITLE: Determining the permissible temperature of h-f current hardening of grade 40 steel

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 12, 1961, 82, abstract 12B587 (V sb. "Materialy XXVIII Nauchno-tekhn. konferentsii kafedr Rostovsk.-n/D. in-ta inzh. zh.-d. transp. Tekhnol. sektsiya". Rostov-na-Donu, 1960, 22-23)

TEXT: The author analyzes the possibility of plotting a diagram by which it is possible to find the optimum hardening conditions (hardening temperature and heating rate of the steel in the phase transformation range) for parts of the railroad rolling stock. For this purpose specimens from grade 40 steel, preliminarily normalized at 850°C (HB 205) were subjected to hardening with hf-current heating up to 80-1,150°C at a heating rate of 50-250 degrees/sec. There are 4 references.

N. Il'ina

[Abstracter's note: Complete translation]

Card 1/1

KOMISSAROV, B.M.; SARKISOV, M.A., dotsent (Leningrad, 18, Pesochnaya, d.24,
kv.3); SMOLINSKIY, K.I.

Intraosseous introduction of drugs in first aid treatment.
Vest. Khir. 91 no.10:119-120 O '63. (MIRA 17:7)

1. Iz Leningradskoy stantsii skoroy pomoshchi (glavnnyy vrach -
V.N. Golyakov).

YERMAKOV, L.K.; TYABIN, V.Ye.; MIKHAYLOV, A.K. [deceased]; KOMISSAROV, B.M.;
PYLEV, V.N.; SVIRIDOV, A.Ye.; NIKITINA, V.N., redaktor izdatel'stva;
KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Production norms for geodetic and topographical work in geological
prospecting and geophysical organizations. Supplement to the unified
production norms for geodetic and topographical work in the Chief
Administration of Geodesy and Cartography of the Ministry of Interior
of the U.S.S.R.] Normy vyrabotki na geodesicheskie i topograficheskie
raboty geologo-rasvedochnykh i geofizicheskikh organizatsii. Dopolnenie
k edinym normam vyrabotki na geodesicheskie i topograficheskie
raboty GUGK MVD SSSR 1954 g. Moskva, Gos. nauchno-tehn. izd-vo lit-
ry po geol. i okhrane nedr, 1956. 51 p. (MLRA 10:1)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr.
2. Ministerstvo geologii i okhrany nedr SSSR (for Yermakov) 3.
- Ministerstvo neftyanoy promyshlennosti SSSR (for Pyleva) 4. Minister-
stvo ugol'noy promyshlennosti SSSR (for Sviridov)
(Geodesy) (Cartography)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3

KOMISSAROV, B.N. (Leningrad); LUKIN, B.V., (Leningrad)

Russian scientists in South America. Priroda 54 no.1:105-107
Ja '65. (MIRA 18:2)

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CIA-RDP86-00513R000824110020-3"

"APPROVED FOR RELEASE: 06/13/2000

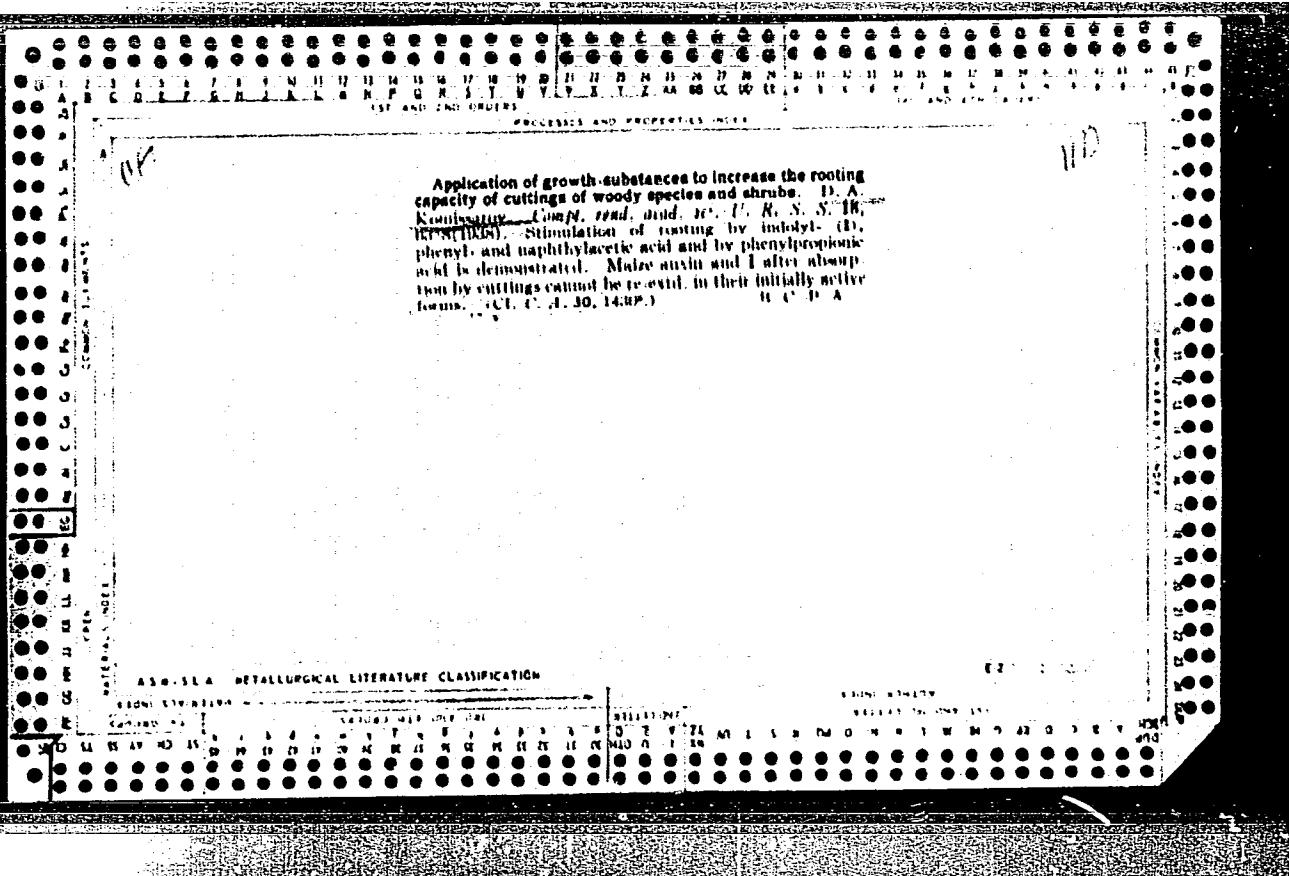
CIA-RDP86-00513R000824110020-3

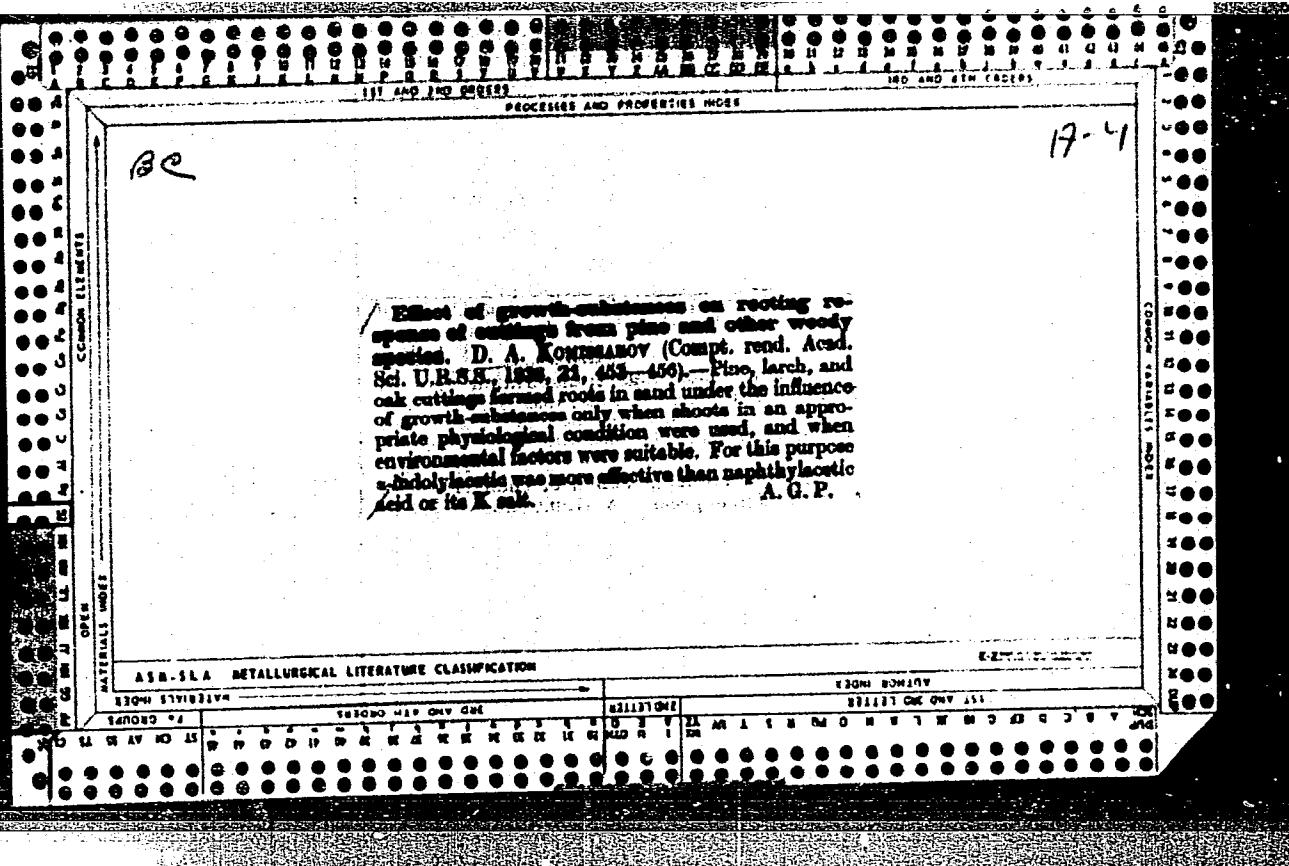
KOMISSAROV, B.N.

Diary of F.P. Litke voyage on the "Kamchatka" vessel in 1817...
1819. Izv. Vses. geog. obshch. no.5:414-419 S=O '64.
(MIRA 17:12)

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CIA-RDP86-00513R000824110020-3"





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CIA-RDP86-00513R000824110020-3

KOMISSAROV, D. A.

(The application of growth stimulators in the vegetative reproduction
of arboreous plants by grafting) Leningrad, 1946. 130 p.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3"

HD

CA

Peculiarities of polyploid *Pinus sylvestris* obtained by colchicine. D.A. Koniushov (Forestry Inst., Leningrad.). *Doklady Akad. Nauk S.S.R.* 58, 2077-80 (1947).—The polyploids show low osmotic pressure in the stem skins (6-7 atm., against normal 9-10). The cell-wall structure is less elastic and more fragile. Needle formation is less luxuriant in polyploids, but these show about 30% higher rate of respiration at high light intensity; at low level of illumination the gas exchange is below normal. The temp. coeff. of respiration is 30% greater than that of normal plants. The rate of transpiration is 32% higher than normal.
G. M. Kosolapoff

KOMISSAROV, D. A.

23477. VLIYaNIE POVREZhDENIYA YELI MOROZOM V ZIMU 1939-40 G. NA YeYe
DAL'NEYSHIY ROST. V SB: ISSLEDOVANIYA PO LES. KhCZ-VU. LI, 1948
(NA OBL: 1949), c. 355-71

SO: LETOPIS' NO. 31, 1949.

CA

MP

Measurements of photosynthesis in an Erlenmeyer flask under field and laboratory conditions. D. A. Kondratenko. Botan. Zhur. 33, No. 8, 581-90(1948).— A-137151. An Erlenmeyer flask can be readily used for measuring photosynthesis of plant cuttings, etc. by the procedure given earlier for the use of specially designed vessels (cf. following abstr.). Exposures are made in sets of 6 flasks with sunlight activation in 6-8 min. exposures. The CO₂ content of the air before and after the expt. is detd. by shaking with barium soln. G. M. K.

Cent. Sci Res Inst. of FORESTRY, LENINGRAD.

KOMMISSAROV, D. A.

KOMMISSAROV, D.A.

Accelerated cultivation of planted stock by layer propagation
of young shoots in felling areas. Bot. zhur. 39 no.3:415-418 My-
Je '54. (MLRA 7:7)

1. Nauchno-issledovatel'skaya lesnaya optytnaya stantsiya, Sochi.
(Plant propagation) (Tree planting)

-6-
KOMISSAROV, D.A., Doc Bio Sci—(diss) "Biological bases of vegetative reproduction of plants by grafting." Len, 1958. 46 pp Acad Sci USSR.
Botanical Inst im V.L. Komarov), 200 copies (KL,30-58,124)

- 38 -

KOMISSAROV, D.A.

Effect of the winter of 1949-1950 on subtropical plants
in Sochi. Trudy Bot.inst.Ser.4 no.13:236-265 '59.
(MIRA 13:3)

(Sochi--Tropical plants)
(Plants--Frost resistance)

KOMISSAROV, D.A., doktor biologicheskikh nauk

Selection of woody plants based on the rooting ability of their cuttings and the repeated propagation of plants by cuttings.
Agrobiolegia no.5:766-768 S-0 '60. (MIRA 13:10)

1. Leningradskiy nauchno-issledovatel'skiy institut lesnogo khozyaystva.

(Plant cuttings)

KOMISSAROV, D.A.

Effect of gibberellic acid on woody plants. Dokl.AN SSSR 136
no.5:1241-1244 F '61. (MIRA 14:5)

1. Leningradskiy nauchno-issledovatel'skiy institut lesnogo
khozyaystva. Predstavлено akad. A.L.Kursanovym.
(Gibberellic acid) (Woody plants)

KOMISSAROV, D.A.

Effect of rooting conditions on physiological changes in the
cuttings of woody plants. Bot. zhur. 47 no.9:1363-1366 S '62.
(MIRA 16:5)

1. Leningradskiy nauchno-issledovatel'skiy institut lesnogo
khozyaystva.
(Woody plants) (Plant cuttings)

KOMISSAROV, D.A.

Selection of favorable conditions for the rooting of cuttings. Bot.
zhur. 47 no.12:1786-1800 D '62. (MIRA 16:6)

1. Leningradskiy nauchno-issledovatel'skiy institut lesnogo
khozyaystva.

(Plant cuttings)

KOMISSAROV, Dmitriy Andreyevich

[Biological basis of woody plant propagation by the growing
of cuttings] Biologicheskie osnovy razmnozheniya drevesnykh
rastenii cherenkami. Moskva, Lesnaia promyshlennost',
1964. 291 p. (MIRA 18:3)

28(4)

AUTHORS:

Mikhaylov, L. A., Komissarov, F. I., Miroshnikov, V. A.,
Grunz, Ya. E., Kagan, M. Ye., Vayl', Ye. I., Kozyura, A. S.,
Sklyarov, A. A.

TITLE:

News in Brief (Korotkiye soobshcheniya)

PERIODICAL:

Zavodskaya laboratoriya, 1959, Vol 25, Nr 7, pp 886-887 (USSR)

ABSTRACT:

L. A. Mikhaylov, F. I. Komissarov, V. A. Miroshnikov (workers in a Plant Laboratory) describe a device (Fig) for sampling weld wire. The sampling was carried out by means of a spur-gear cutter; about 70 g can be obtained within 4-5 minutes. Ya. E. Gruns and M. Ye. Kagan (Institut geofiziki UFAN SSSR) (Institute of Geophysics of the UFAN USSR) describe a device working on the principle of semiconductors for measuring the specific electric resistance of water in hydrochemical prospecting. The functioning of the device is based on the measurement of the resistance between two electrodes which are dipped into the water to be examined. The device has an automatic generator with triodes P1G with an amplifier and triode P2B, and triodes P2B for the bridge scheme. Its weight amounts to 2.2 kg and its dimensions are 233 x 100 x 170 mm. It is charged by two batteries 49-SAMTsG-0.25.

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News in Brief

SOV/32-25-7-42/50

Ye. I. Vay, M. S. Kozyura, A. A. Sklyarov (NII Ukr. VODGYeO) report on a modification of the photometer FM-56 (Fig): the stand is displaced by a plexiglass stand. The latter has holes which correspond to the cuvettes used and thus measuring errors can be avoided because of insufficiently covered holes. There are 2 figures.

Card 2/2

AUTHOR: Komissarov, F.L., Electromechanic 91-58-5-26/35

TITLE: The Joining of "Loops" of Wires in Electric Lines With a Voltage up to 6 kv (Soyedineniye "Petley" provodov elektrosetey napryazheniyem do 6 kv)

PERIODICAL: Energetik, 1958, Nr 5, p 27 (USSR)

ABSTRACT: The usual method for connecting wires in electric power lines of 0.22 - 6 kv is shown in Figure 1. These connections are often oxidized, which causes a reduction in the mechanical properties of the wire. In 90% of all cases, the wires break in these twist joints. In the article, a new method is proposed in which 2 insulators are used (Figure 2). The wires are connected between the insulators and are not subjected to stress. Instead of 2 insulators a "two-collar" insulator can be used (Figure 3). Experience has shown that no breakage occurs when the new method is used.

There are 3 figures.

AVAILABLE: Library of Congress

Card 1/1 1. Insulators - Application

KOMISSAROV, F. M.

USSR/Mining Methods
Coal

Apr 48

"Methods of Increasing the Mining of Coal in the Moscow Coalfield," I. A. Babokin,
B. I. Velichenko, F. M. Komissarov, Engineers, 5 pp

"Ugol!" No 4

Discusses long pillar method of working, width of coal face, depth of seam, types of
mechanical coal cutters, spacing of hewers, 3-shift and 2-shift systems, and importance
of a dry pit.

PA 1/49T94

ROSHCHUPKIN, Igor' Georgiyevich; KOMISSAROV, F.N., otvetstvennyy redaktor;
OKHREMENKO, V.A., redaktor izdaniya; KOROVENKOVA, Z.A., tekhnicheskiy redaktor;
ALADOVA, Ye.I., tekhnicheskiy redaktor

[The working of coal beds in the Moscow Basin] Razrabotka ugol'nykh
plastov v podmoskovnom basseine. Moskva, Ugletekhsdat, 1956. 179 p.
(Moscow Basin—Coal mines and mining) (MLRA 9:7)

KOMISSAROV, G.

Reap as one has sown. Pozh.delo 8 no.6:28 Je '62. (MIRA 15:6)
(Zhitomir Province--Fire prevention)
(Agricultural machinery--Safety measures)

KOMISSAROV, G.A.

Automation of a water-pumping station. Transp. i khran nefti
no.1:14-17 '63. (MIRA 16:9)

1. Bashkirskye nefteprovodnoye upravleniye.

L 02975-67 FSS-2/EWT(1) TT/GW

ACC NR: AP6032858

SOURCE CODE: UR/0020/66/170/003/0578/0579

60
62
BAUTHOR: Nazarova, T. N.; Rybakov, A. K.; Komissarov, G. D.ORG: Institute of Geochemistry and Analytical Chemistry im. V. I. Vernadskiy,
Academy of Sciences, SSSR (Institut geokhimii i analiticheskoy khimii Akademii
nauk SSSR)TITLE: Preliminary results of an investigation of solid interplanetary matter in the
vicinity of the moon

SOURCE: AN SSSR. Doklady, v. 170, no. 3, 1966, 578-579

TOPIC TAGS: meteor stream, lunar orbit, lunar satellite, LUNAR ENVIRONMENT

ABSTRACT: Piezoelectric sensors covering 1.2 m^2 of Luna-10's surface were used to register in the vicinity of the moon the impacts of meteor particles with velocities of 15 km/sec and mass in excess of $7 \times 10^{-8} \text{ g}$. During one orbit (altitude, $355-1050 \text{ km}$), the sensors registered a total of 198 impacts, i.e., $4 \times 10^{-3} \text{ impacts/m}^2 \cdot \text{sec}$. The maximum incidence was observed at the apogee and perigee, and the minimum, at 800 km . The data support the hypothesis that the high impact incidence in the immediate vicinity of the moon is caused by the secondary emission of particles from the moon as a result of the impact of primary meteor particles. The maximum velocity of secondary particles is $1-3 \text{ km/sec}$. The authors

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L 02975-67

ACC NR: AP6032858

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000824110020-3

are indebted to Academician A. P. Vinogradov for his valuable suggestions in preparing the experiment and interpreting the results, as well as to M. L. Lidov, E. I. Andriankin, and Z. V. Vasyukova. Orig. art. has: 2 figures.

SUB CODE: 03/ SUBM DATE: 28Jun66/ ATD PRESS: 5099

Card 2/2 egr

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3

AR/0000740

the moon at a velocity of 1--3 km/sec. At this velocity the least registered mass of the particle would be about 10^{-6} g, and the density of particles near the moon would exceed the mean for interplanetary space by over four orders. The authors thank A. P. Vinogradov for his guidance in preparing the experiment and interpreting the results, M. L. Lidov and E. I. Andriankin for their participation in data evaluation, and Z. V. Vasyukova for help with data processing. Orig. art. has: 1 table and 1 chart.

SUB CODE: 03,22 SUBM DATE: none

Card 2/2

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3"

3(5)

SOV/9-59-2-3/16

AUTHORS: Germanyuk, M.M., Komissarov, G.I., and Lovitskiy, D.K.

TITLE: New Data on the Geological Structure of South-East Turkmenistan (Novyye dannyye o geologicheskem stroyenii yugovostochnoy Turkmenii)

PUBLICATIONAL: Geologiya nefti i gaza, 1959, № 2, pp 10-14 (USSR)

ABSTRACT: For the purpose of determining the geological structure of South-East Turkmenistan geological prospecting and geophysical investigations were carried out on a large scale with the use of structural profile drilling to a depth of 1,200 m and seismic profile determination along two main directions, i. e. Takyr - Mary - Chardzhou and Zakhmet - Kushka and two auxiliary directions in the Prikopetdag and the Murgub depressions. Conclusions on the geological structure are made and indications are given on the future prospecting operations. The author points to the necessity of increasing the investigation of local structures in order to develop deep drilling and states as the most urgent tasks the organization of structural profile drilling and terrace seismic survey of the Kabaklin, Repetek, Uch-Adzhi, Bayram-Ali and Mary upheavals and the

Card 1/2

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3

SOV/9-59-2-3/16

New Data on the Geological Structure of South-East Turkmenistan

drilling of structural stratigraphic wells to a depth of 3,000 m on the Bayram-Ali upheaval in order to study the geological sections of Tertiary and Cretaceous deposits and their oil bearing properties. There are 1 map and 4 geological cross-sections.

ASSOCIATION: Turkmenskoye geologicheskoye upravleniye (Turkmen Geological Administration) Geo-

Card 2/2

NEKRASOV, L. I.; KOBZEV, N. I.; KOMISSAROV, G. G.

Magnetic and optical properties of chlorophyll adsorbed on
capron. Vest. Mosk. un. Ser. 2: Khim. 16 [i.e. 17], no. 6:
36-38 N-D '62. (MIRA 16:1)

1. Kafedra fizicheskoy khimii Moskovskogo universiteta.

(Chlorophyll) (Adsorption)

NEKRASOV, L.I.; KOBZEV, N.J.; KOMISSAROV, C.G.

Studying the adsorption of chlorophyll on organic and inorganic carriers. Biofizika 7 no.5:568-570 '62. (MIRA 17:8)

1. Khimicheskiy fakultet Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

NEKRASOV, L.I.; KOBOZEV, N.I.; KOMISSAROV, G.G.

Effect of the maximum absorption of chlorophyll in a completely formed adsorption monolayer. Vest.Mosk.un.Ser.2: Khim. 17 no.2:31-32 Mr-Ap '62. (MIRA 15:4)

1. Kafedra fizicheskoy khimii Moskovskogo universiteta.
(Chlorophyll) (Adsorption)

S/189/63/000/006/001/006
D214/D307

AUTHORS: Nekrasov, L.I., Kobozev, N.I. and Komissarov, G.G.

TITLE: Magnetic and optical properties of chlorophyll adsorbed on caprone

PERIODICAL: Moscow, Universitet. Vestnik. Seriya II. Khimiya, no. 6, 1962, 36-38

TEXT: This is a study of the adsorption of chlorophyll on to a powdered caprone and of the magnetic and optical properties of the adsorbed pigment. The adsorbed isotherm, which exhibits two distinct stages, is similar to the isotherms obtained previously for chlorophyll adsorbed on alumina and silica gels. Initially, the pigment molecules are adsorbed by their flat sides (first stage); on further adsorption they begin either to form multilayers or to reorientate themselves into an edgewise position (2nd stage). Magnetic susceptibility measurements show the adsorbed chlorophyll to be paramagnetic. As the surface concentration of the pigment (a) increases, the susceptibility decreases to a minimum and rises again.

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S/189/62/000/006/001/006
D214/D307

Magnetic and optical ...

The minimum susceptibility corresponds to a at which multilayers begin to form or reorientation sets in ($a \sim 0.45 \mu\text{m/g}$). The coefficient of reflection (R) falls sharply as a increases ($\lambda = 665-667 \mu$) up to the point where multilayers or reorientation begin. At higher surface concentrations, an increase in a reduces R slightly. There are 3 figures.

ASSOCIATION: Kafedra fizicheskoy khimii (Department of Physical Chemistry)

SUBMITTED: August 14, 1961

Card 2/2

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3

KOMISSAROV, G.G.; KOBZEV, N.I.; NEKRASOV, L.I.

Luminescence of chlorophyll adsorbed on capron. Zhur. fiz. khim.
37 no.11:2555-2556 N'63. (MIRA 17:2)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3"

KOMISSAROV, G.G.; GAVRILOVA, V.A.; NEKRASOV, L.I.; KOBOZEV, N.I.;
LEVSTIGNEYEV, V.B.

Photosensitizing activity of chlorophyll adsorbed on capron as related
to the surface concentration. Dokl. AN SSSR 150 no.1:174-175 My
'63. (MIRA 16:6)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova i
Institut biokhimii im. A.N.Bakha AN SSSR. Predstavлено академиком
A.N.Tereninym.

(Chlorophyll) (Nylon) (Photosynthesis)

ACCESSION NR: AP4042476

S/0217/64/009/004/0428/0433

AUTHOR: Kamissarov, G. G.; Kobozev, N. I.; Nekrasov, L. I.;
Tsy*rul'nikov, P. G.

TITLE: Magnetic and optical properties of beta carotene adsorbed on
magnesium oxide

SOURCE: Biofizika, v. 9, no. 4, 1964, 428-433

TOPIC TAGS: carotene, chlorophyll, photosynthesis pigments, adsorbed
carotene, magnesium oxide, magnesium oxide adsorbent, pigment
adsorbent system, carotene magnetic property, carotene optical
property, paramagnetic carotene

ABSTRACT: The properties of carotene adsorbed on MgO were studied
as a model system by means of optical and magnetic methods. The
ultimate purpose of the study was to further investigate the more
complicated model systems of two photosynthesis pigments — chlorophyll
and carotene — adsorbed on the same carrier. Pure β -carotene (free
from other isomers) was adsorbed on analytically pure MgO from a

Card 1/3

ACCESSION NR: AP4042476

petroleum ether (b.p., 85—95°C) solution. A special test indicated that the MgO used was free from ferromagnetic impurities. The carotene adsorption isotherm obtained indicated that a monolayer of flat carotene molecules is formed at the saturation stage; each molecule occupies approximately 120 \AA^2 . It was found that the adsorbed carotene is paramagnetic, while carotene deposited on MgO by evaporation of the solution is diamagnetic. It was proved that this paramagnetic effect is caused by oxygen from the ambient air. However, the details of the process are not clear and require further investigation. The optical studies indicated that, unlike chlorophyll, the adsorbed carotene undergoes a shift of the maximum of diffuse reflection to the longwave end of the spectrum by 10—15 μm . The dependence of the coefficient of diffuse reflection (at a wave length of 461 to 468 μm), and of the specific optical density upon the surface concentration of the adsorbed β -carotene is gradual, in contrast to the step-shaped curve of chlorophyll obtained in previous studies. Orig. art. has: 4 figures.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University)

Card 2 / 3

ACCESSION NR: AP4042476

SUBMITTED: 30Jan63

ATD PRESS: 3069

ENCL: 00

SUB CODE: OC, GP

NO REF Sov: 020

OTHER: 008

Card 3/3

ACCESSION NR: AP4046300

8/0217/64/009/005/0625/0627

U.S.S.R., Leningrad, U.S.S.R.

absorption of the red absorption bands in the sun leaves
in the attached state

SOURCE Staffzika, v. 9, no. 5, 1964, 625-627

chlorophyll, chlorophyll a, chlorophyll b, chlorophyll
c, chlorophyll spectra, absorption spectra, sun leaves

probable cause of the absorption bands in the sun leaves
absorption spectra, absorption bands in the sun leaves
alcohol solutions, absorption spectra, absorption
lengths (a) excitation, absorption bands, absorption
bands of chlorophyll and chlorophyll c, absorption
chlorophyll molecule, absorption bands, absorption
other factors on chlorophyll, absorption bands
chlorophyll absorption, absorption bands, absorption
chlorophyll, which cause the absorption bands

AP4046100

in less than unity in the ratio of the distances between pigment molecules apart from the close cross absorption complexes. As the same solution of the red alcohol solution, the same as the measured maximum reflection spectra in the case of the chlorophyll solution, Capton was selected because it has a low dielectric constant. These results show that the red shift of the maximum in vivo cannot be explained by the complex formed between chlorophyll and protein. In effect of densely packed molecules was studied by means of a model system in which capron was used as the absorber of chlorophyll from alcohol solutions. Additives of various surface concentrations were obtained with a varying from 0.23 to 1.97. However, practically no red shift of the red maximum was observed in the diffuse reflection spectra. The following table gives the values of the red shift.

The phase of the pigment molecules is assumed to be the same as that of the chlorophyll solution.

1. Other substances
2. Fungi
3. Insects
4. Mites
5. Vertebrates
6. Concentrations of organic acids, alcohol
7. Characteristics of surface and subsurface layers
8. Surface organic layer
9. Microfauna
10. Fungi
11. Insects
12. Mites
13. Vertebrates
14. Characteristics of surface and subsurface layers
15. Surface organic layer

16. Daily rainfall & snowfall
17. Moscow State University
18. Moscow State University
19. Moscow State University

TYPE: 008

OTHER: 004

ATD PRESS: 1122

KOMISSAROV, G.G.; NEKRASOV, L.I.; KOBOZEV, N.I.

Rate of fluorescence of chlorophyll at various concentrations in an adsorbed condition and in a green leaf. Dokl. AN SSSR 154 no.4:950-952 F '64. (MIRA 17:3)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.
Predstavлено академиком A.N. Tereninym.

ACCESSION NR: AP4034548

S/0020/64/155/005/1194/1197

AUTHOR: Komissarov, G. G.; Gavrilova, V. A.; Nekrasov, L. I.;
Kobozev, N. I.; Yevstigneyev, V. B.

TITLE: Photosensitizing capacity of adsorbed carotene

SOURCE: AN SSSR. Doklady*, v. 155, no. 5, 1964, 1194-1197

TOPIC TAGS: photosynthesis, photochemical reaction, redox system,
 β carotene, photosensitizing capacity, adsorbed β carotene

ABSTRACT: The photosensitizing capacity of β -carotene adsorbed on alumina gel or polyacrylonitrile has been studied to verify an assumption that besides chlorophyll, carotene *in vivo* might act as a sensitizing agent of some intermediate photochemical reaction occurring in the process of photosynthesis. The assumption was made on the basis of the structural similarity of the carotene molecule to sensitizers in photography (cyanin dyes) and to the photosensitive material of the eye (visual purple). In preliminary experiments, it was shown that β -carotene adsorbed on magnesia promoted decoloration of thyonine in the presence of ascorbic acid upon illumination with blue light. In quantitative experiments, the

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ACCESSION NR. AP4034548

extinction coefficient was measured during the process of gradual decoloration of a methyl red solution containing ascorbic acid upon illumination with blue light and in the presence of synthetic β -carotene adsorbed on alumina gel or polyacrylonitrile. Plots of the absorption of light versus time show the photosensitizing capacity of the adsorbed β -carotene. The latter in a solution did not show this capacity. The mechanism of photosensitization of the photochemical reduction by adsorbed β -carotene is linked to its behavior in the form of a complex with albumen in physiological processes. Orig. art. has: 2 figures.

ASSOCIATION: Institut biokhimii im. A. N. Bakha, AN SSSR (Institute of Biochemistry, AN SSSR)

SUBMITTED: 09Oct63 DATE ACQ: 13May64 ENCL: 00

SUB CODE: CH NO REF SOV: 012 OTHER: 010

Card 2/2

KOMISSAROV, G.S.

Light absorption by chloroplast. Biofizika 10 no.5:873-879 '65.
(MIRA 18:10)

1. Institut elementoorganicheskikh soyedineniy AN SSSR, Moskva.

GERMANYUK, M.M.; DAVYDOV, A.N.; DIKENSHTEYN, G.Kh.; KOMISSAROV, G.I.

Geology and prospects for finding oil and gas on the southern
structures of southeastern Turkmenia. Trudy VNIGNI no.35:121-135
'61. (MIRA 16:7)

(Turkmenistan--Petroleum geology)
(Turkmenistan--Gas, Natural--Geology)

GNUCHEV, S.M., kandidat tekhnicheskikh nauk; KOMISSAROV, G.K., inzhener;
KLOCHKOVA, Z.V., inzhener.

Behavior of oxygen and nitrogen in an electric furnace bath during
oxidation by oxygen or by ore. Stal' 16 no.4:323-327 Ap '56,

(MIRA 9:9:

I.Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii.
(Steel--Electrometallurgy) (Oxygen) (Nitrogen)

From full-scale investigations the following conclusions have been drawn,
the oxygen content of the metal at the end of the oxidizing period (before
removing the oxidizing slag does not depend on the method of oxidation with oxygen
or ore, the oxidizing period slags are less oxidized when the metal is blown with
oxygen; the nitrogen content of the metal changes in the same way whichever oxidizing
method is used; at the end of the reducing period (before deoxidation with
aluminiam) the oxygen content of the metal is 0.003-0.009% (for).07-0.42%C) for
oxidation by oxygen or ore.

KOMISSAROV, G. K.

GNUCHEV, S.M.; FRANTSOV, V.P.; MORENKO, G.F.; KOMISSAROV, G.K.; KLOCHKOVA, Z.V.

Electric furnace smelting of structural steel with an oxygen lance.
Stal' 17 no.3:228-232 Mr '57. (MLRA 10:4)

1. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii
i zavod "Dneprospetsstal'".
(Steel--Electrometallurgy) (Oxygen--Industrial applications)

L 32937-56 EWP(k)/ENT(m)/EWP(e)/EWP(t)/ETI IJP(c) AT/NH/JD/JG/NB/JT

ACC NR: AP6019932

SOURCE CODE: UR/0122/66/000/006/0063/0065

AUTHOR: Dergunova, V. S. (Candidate of technical sciences); Komissarov, G. K. (Engineer); Yermakova, M. P. (Engineer); Kuznetsov, L. I. (Engineer); Gol'denberg, A. A. (Candidate of technical sciences)

ORG: none

TITLE: Metal ceramic alloy for work at elevated temperatures

SOURCE: Vestnik mashinostroyeniya, no. 6, 1966, 63-65

TOPIC TAGS: metal ceramic material, sintered alloy, high temperature cermet material, titanium carbide containing alloy, boron carbide containing alloy, silicon carbide containing alloy, alloy oxidation, alloy thermal fatigue

ABSTRACT: Several ternary alloys containing 40.8–60% TiC, 20–39.2% B₄C, and 20% SiC were compacted at 2100–2150°C under a pressure of 230 kg/cm², diffusion annealed at 1900°C for 12 hr in an argon atmosphere, cooled at the rate of 100°C/hr, and tested for oxidation resistance and thermal fatigue. Oxidation-resistance tests made on alloys oxidized in air at 900°C for 20 min, 1.5 hr, 3.5 hr, 10 hr, and 15 hr showed that the most intensive oxidation, accompanied with oxide film formation, occurs in the initial period of the exposure and practically ceases after 5-hr exposure. All tested alloys can be regarded as oxidation resistant since their weight gain in 15-hr

Card 1/2

UDC: 621.762

L 32937..66

ACC NR: AP6019932

tests was only 4—6 mg/cm², which is 3.5 times lower than the weight gain of TiC under identical conditions of oxidation. The thermal fatigue resistance was evaluated from the number of quenches from 1200 and 2000C sustained by alloy specimens before failure. In quenching from 1200C, the investigated alloys sustained 40 thermal cycles without failure, which was double the number of thermal cycles sustained by TiC and 20 times as many as an alloy containing 85% SiC + 15% B₄C sustained. Hence, titanium-, boron- and silicon carbide-based alloys can be recommended as material suitable for making parts operating at high temperature under conditions of frequent temperature changes. Orig. art. has: 4 figures and 2 tables.

[ND]

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 006/ ATD PRESS: 5027

Card 2/2 *LJS*

KULIKOV, I.S. (Moskva); KOMISSAROV, G.M. (Moskva)

Thermodynamic analysis of the behavior of sulfur during the
sintering of iron ores. Izv. AN SSSR. Met. no.1:3-10 Ja.-F
'65. (MIRA 18:5)

KOMISSAROV, G.M.; KULIKOV, I.S.

Desulfuration of iron ores with their treatment in open air.
Izv. vys. ucheb. zav.; chern. met. 8 no.9128-33 '65.
(MIRA 18:9)

1. Institut metallurgii im. Esykova.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3

KOMISSAROV, G.M.; KULIKOV, I.S.

Behavior of sulfur during sintering. Izv. vys. ucheb. zav.; chern. met.
8 no.7:20-22 '65. (MIRA 18:7)

1. Institut metallurgii im. Baykova, Moskva.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824110020-3"

MYASNIKOV, A.M., st. inzh.; LIKHOLET, S.F., st. inzh.; BIZHAN, B., inzh.; KOMISSAROV, G.S.; KISELEV, F.S., inzh.; TUPIKOV, V.I., st. inzh.; KARPOVA, Z.A., st. inzh.; KLETSEL', M.M., inzh.; MATSKEVICH, A.V., inzh.; PUSTOVOTOVA, K.S., red.; MOISEYEV, I.N., red.; IVANOVA, Z.V., tekhn. red.

[Hydrological yearbook] Gidrologicheskii ezhegodnik. Lenigrad, Gidrometeoizdat. 1960. Vol.2. No.7-9. Pod red. K.S. Pustovoitovoi. 1962. 418 p. (MIRA 16:5)

1. Gidrologicheskaya stantsiya Severo-Kavkazskogo upravleniya gidrometeorologicheskoy sluzhby Serafimovich (for Myasnikov).
2. Gidrologicheskaya stantsiya Severo-Kavkazskogo upravleniya gidrometeorologicheskoy sluzhby Kalach-na-Donu (for Likholet).
3. Gidrologicheskaya stantsiya Rzdzorskaya Severo-Kavkazskogo upravleniya gidrometeorologicheskoy sluzhby (for Bizhan).
4. Nachal'nik gidrologicheskoy stantsii Sal'sk Severo-Kavkazskogo upravleniya gidrometeorologicheskoy sluzhby (for Komissarov). 5. Khar'kovskaya gidrometeorologicheskaya obser-vatoriya (for Tupikov). 6. Khar'kovskaya gidrologicheskaya stan-tsiya (for Karpova). 7. Saratovskaya gidrologicheskaya stantsiya (for Kletsel'). 8. Gidrologicheskaya stantsiya Kaluga (for Matskevich).

(Hydrology—Tables, calculations, etc.)

KOMISSAROV, I. D., Cand. Agri. Sci. (diss) "Genesis, Agro-chemical Description and Agricultural Utilization of Peats of Stalingrad Oblast," Stalingrad, 1959, 1959, 28 pp. (Stalingrad Agri. Inst.) 200 copies (KL Supp 12-61, 279).

BASKILOVICH, I.A.; KOMISSAROV, I.Q.; PASTUKHOV, Ye.T.

Mechanized clay mud processing shop in two units. Razved. i
okh. nedr 26 no. 1:53-54 Ja '60. (MIRA 13:12)

1. Trest Mosbassuglegologiya.
(Drilling fluids)

BASKILOVICH, I.A.; KOMISSAROV, I.G.; PASTUKHOV, Ye.T.

Two-unit mechanized clay plant. Biul.,nauch.-tekhn.inform.VIMS
no.1:61-63 '60. (MIRA 15:5)

1. Trest "Mosbassuglegeologiya".
(Clay) (Drilling fluids)

SAK-SHAK, B.A.; KOMISSAROV, I.I.; YELISEYEV, V.A.

Bench stirrup for active control. Mashinostroitel' no.9:27
S '62. (MIRA 15:9)
(Machine-shop practice)

KAMISSAROV, I. V.

"The effect of the nitrile of acrylic acid on the animal organism (experimental investigation)." Minsk State Medical Inst. Minsk, 1955. (Dissertations for the Degree of Candidate in Medical Science)

So: Knizhaya letopis', No. 16, 1956

KOMISARIOV, D.

1.00 mg/kg produces
marked changes in the
behavior of the animal.
At 0.50 mg/kg there is
no change in behavior.
At 0.25 mg/kg there is
no change in behavior.
At 0.125 mg/kg there is
no change in behavior.
At 0.0625 mg/kg there is
no change in behavior.

medium doses, while Eds. En. and C produce this effect only

small and medium doses producing these changes in a longer duration
than does the stimulant.

USSR / Human and Animal Physiology (Normal and Pathological).
Blood.

T-4

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60289

Author : Komissarov, I. V.

Inst : Not given

Title : On the Technique of Animal Electrocardiography

Orig Pub : Zdravookhr. Belorussii, 1956, No 8, 50-54

Abstract : EKG with standard deflections were taken from guinea pigs and rats under urethane anesthesia, and in dogs under pentothal anesthesia. The characteristic wave amplitudes, the frequency of heartbeat, and the duration of the intervals were noted. A table is given for the calculation of the normal duration of QRST in different durations of the cardiac cycles and frequencies. --
S. S. Kukos

Card 1/1

49

KOMISSAROV, I. V.

V

USSR / APPROVED FOR RELEASE: 06/13/2000 037578 CIA-RDP86-00513R000824110020-3'

Abs Jour : Ref Zhur-Biol., No 8, 1957

Author : Komissarov I. V.

Inst : Not given

Title : On the Effect of Organophosphorus Compounds on the Central Nervous System (Author's Abstract).
(O deystvii fosforoorganicheskikh soyedineniy na tsentral'nuyu nervnuyu sistemu (Avtoreferat))

Orig Pub : Farmakol. i toksikologiya, 1957, 20, No 2, 29

Abstract : The effect of phosphacol (1) on the central nervous system was studied on the basis of the changes in the concealed period of the flexor reflex (FR) of a posterior extremity of a rabbit. When administered intravenously 1 in doses of 10 and 40 g/kg had no effect on the duration of the concealed period of FR; in a dose of 100g/kg it

Ca Card 1/3

*Chair of Pharmacology, Minsk Medical Inst.

KOMISSAROV, I.V.

Relationship between certain preparations based on pachy-
and leptocurare [with summary in English]. Farm. i toks. 21
no.5:51-57 S-0 '58 (MIRA 11:11)

1. Kafedra farmakologii (zav. - prof. K.S. Shadurskiy) Minskogo
meditsinskogo instituta.
(MUSCLE RELAXANTS,

prep. based on pachy- & lepto-curare, interrelationship
(Rus))

SHADURSKIY, K.S.) Prinimali uchastiye: KOMISSAROV, I.V.; FRANKOV, I.A.;
TSAPAYEVA, T.S., MEREZHINSKIY, M.M., prof., Red.; STEPANOVA,
N.P., tekhn.red.

[Pharmacology as a basis for therapy; a manual for physicians]
Farmakologiya kak osnova terapii; posobie dlja vrachej. Minsk,
Gos.izd-vo BSSR. Red.nauchno-tekhn.lit-ry. Vol.1. [Pharmacology
of the cholinergic processes] Farmakologija kholinergicheskikh
protsessov. 1959. 315 p. (MIRA 12:9)
(AUTONOMIC DRUGS)

KOMISSAROV, I.V.

Comparative evaluation of some anticholinesterase substances
as antagonists of diplacin. Zdrav.Belor. 5 no.7:41-43
J1 '59. (MIRA 12:9)

1. Kafedra farmakologii (zaveduyushchiy - prof.K.S.Shadurskiy)
Minskogo meditsinskogo instituta.
(ANTICHOLINESTERASE) (BENZENE)

KOMISSAROV, I.V.

Nature of the antagonism between diploacin and depolarizing substances.
Farm. i tok# 22 no.5:403-406 S-0 '59. (MIRA 13:3)

1. Kafedra farmakologii (zaveduyushchiy - prof. K.S. Shadurskiy)
Minskogo meditsinskogo instituta.
(MUSCLE RELAXANTS antag.)

5 (3)
AUTHORS:

Terent'yev, A. P., Volodina, M. A.,
Mishina, V. G., Komissarov, I. V.

SOV/79-29-7-44/83

TITLE:

Synthesis and Properties of Pyrrolidine Bases (Sintez i
svoystva pirrolidinovkh osnovaniy). VII. Some Esters of
2-Methyl-N- β -oxyethylpyrrolidine (VII. Nekotoryye slozhnyye
efiry 2-metil-N- β -oksietylpirrolidina)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 7, pp 2307 - 2310
(USSR)

ABSTRACT:

The authors continued their investigation of the hydroamination of γ -keto alcohols (Refs 1,2), and in the present work they investigated the reaction of γ -acetopropyl alcohols (I) with ethanol amine in the presence of formic acid, using purified commercial γ -acetopropyl alcohol. 2-Methyl-N- β -oxyethylpyrrolidine (II) was obtained as final product in a 56% yield. As well as this synthesis some reactions of compound (II) were described. (II) on treatment with thionyl chloride yielded 2-methyl-N- β -chloroethylpyrrolidine hydrochloride (III), which was converted into the free base (IV). Reaction of (IV) with a number of aromatic acids gave the corresponding esters (V), which were separated as hydrochlorides. Esters of the following

Card 1/2

Synthesis and Properties of Pyrrolidine Bases.
VII. Some Esters of 2-Methyl-N- β -oxyethylpyrrolidine

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acids were obtained in this manner: 2-methyl-N- β -oxyethylpyrrolidinebenzoic acid (Va), o-nitrobenzoic acid (Vb), p-bromo-benzoic acid (Vv), p-phenylacetic acid (Vg), cinnamic acid (Vd), and salicylic acid (Ve). The hydrochlorides of these esters, with the exception of (Vg), were tested pharmacologically. They had a hypotensive effect on dogs (lowering the normal arterial blood pressure by 13-45% for 5-33 min). The introduction of substituents into the o- and p-position of the benzene ring had no substantial effect on the hypotensive activity. The pharmacological properties of the esters were tested at the Chair of Pharmacology of the Minskiy meditsinskiy institut (Minsk Institute of Medicine). There are 1 table and 10 references, 4 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: June 16, 1958

Card 2/2

SHADURSKIY, K.S., prof.; IL'YUCHENOK, T.Yu., kand.med.nauk.; ISKAREV,
N.A., kand.med.nauk; KOMISSAROV, I.V., kand.med.nauk; KORABLEV,
M.V., kand.med.nauk; MYAZDRIKOVA, A.A., kand.med.nauk; NILOVSKAYA,
S.N., kand.med.nauk; REUT, N.A., kand.med.nauk; YAKIMOVICH, L.A.,
kand.med.nauk; GESS', N.D., red.; HELEN'KAYA, I.Ye., tekhnred.

[Prescription manual] Rukovodstvo po retsepture. Izd.2., ispr.
i dop. Minsk, Izd-vo Belgosuniv. im. V.I.Lenina, 1960. 99 p.
(MIRA 14:1)

(MEDICINE--FORMULAE, RECEIPTS, PRESCRIPTIONS)

KOMISSAROV, I.V.

Mechanism of action of decamethonium analogues — 2-methylpyrrolidone derivatives. Farm.i toks.23 no.3:238-242 My-Je '60.

(MIRA 14:3)

1. Kafedra farmakologii (zav. - prof. K.S.Shadurskiy) Minskogo gosudarstvennogo meditskogo instituta.
(PYRROLIDINONE) (CHOLINE)

KOMISSAROV, I.V.

Nature of the antagonism of pachycurare and some depolarizing agents in the rectus abdominis muscle in a frog. Biul. eksp. i biol. med. 50 no. 8:93-97 Ag '60. (MIRA 13:10)

1. Iz kafedry farmakologii (zav. - prof. K.S. Shadurskiy) Minskogo meditsinskogo instituta (dir. - dotsent I.M. Stel'mashonok). Predstavlena deystv. chelnom AMN SSSR V.V. Parinym. (MUSCLE RELAXANTS) (CHOLINE)

KOMISSAROV, I.V. (Minsk)

Cumulative effect of nitrile of acrylic acid. Gig. truda i
prof. zab. 4 no.1:36-38 Ja '60. (MIRA 15:3)

1. Meditsinskiy institut, Minsk.
(ACRYLONITRILE--PHYSIOLOGICAL EFFECT)

KOMISSAROV, I.V.

Resistance of neuromuscular synapses to decamethonium. Postresistant block, its properties and nature. Biul.eksp.biol.i med. 53 no.6:40-45 Je '62.
(MIRA 15:10)

1. Iz kafedry farmakologii (zav. - dotsent V.E.Mayevskiy)
Donetskogo meditsinskogo instituta imeni A.M.Gor'kogo (rktor-dotsent A.M.Ganichkin). Predstavlena deystvitel'nym chlenom AMN
SSSR V.V.Zakusovym.

(MUSCLE RELAXANTS)

(NERVES)

(MUSCLES)

KOMISSAROV, I.V.

Curariform action and correlation between isosterism and competition
in a series of resorcinol and hydroquinone 1,1'-bis esters of
N-substituted quaternary derivatives of 3-amino-1,2-propanediol.
Farm.i toks. 24 no.6:695-700 N-D '61. (MIRA 15:11)

1. Kafedra farmakologii (zav. - dotsent V.E.Mayevskiy) Donetskogo
meditsinskogo instituta imeni A.M.Gor'kogo.
(CURARELIKE SUBSTANCES) (PROPANEDIOL)

KOMISSAROV, I.V.

Effect of thiol poisons on the action of curarelike substances.
Farm. i toks. 25 no. 5:543-547 S-0 '62 (MIRA 18:1)

I. Kafedra farmakologii (zav. - dotsent V.E. Mayevskiy) Donetskogo meditsinskogo instituta imeni A.M. Gor'kogo.

TERENT'YEV, A.P.; VOLODINA, M.A.; KIKOT', B.S.; MISHINA, V.G.; KOMISSAROV, I.V.

Synthesis and properties of pyrrolidine bases. Part 10: Synthesis of
 α -amino- ω -pyrrolidyl alkanes and ω -bispyrrolidyl alkanes, derivatives of heptane, octane, nonane, decane. Zhur. ob. khim. 34 No. 1; 209-213 Ja '64. (MIRA 17#3)